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Sta.. of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director
JOHN R. BAZA
Division Director

Inspection Report
Minerals Regulatory Program
Report Date June 7, 2006

Supervisor _____

Mine Name: Cameron #1
Operator Name: Temple Mountain Energy

Permit number: M0470036
Inspection Date: March 21, 2006
Time: 2:10-3:30 PM

Inspector(s): Paul Baker
Other Participants: Bob Jones
Mine Status: Active

Weather: Cloudy, 40s

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	☒	☒	☐
2. Public Safety (shafts, adits, trash, signs, highwalls)	☐	☐	☐
3. Protection of Drainages / Erosion Control	☒	☒	☐
4. Deleterious Material	☐	☐	☐
5. Roads (maintenance, surfacing, dust control, safety)	☐	☐	☐
6. Concurrent Reclamation	☐	☐	☐
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	☐	☐	☐
8. Water Impoundments	☐	☐	☐
9. Soils	☐	☐	☐
10. Revegetation	☒	☒	☐
11. Air Quality	☐	☐	☐
12. Other	☒	☒	☐

Purpose of Inspection:
This site has been periodically active over the last several years, but the new operator intends to commence more consistent mining and processing operations. I wanted to see what changes the new operator has made, and I also wanted to look at the area that was regraded and seeded last fall

Inspection Summary:
1. Permits, Revisions, Transfer, Bonds
The Division is in the process of reviewing a Notice of Intention to Commence Large Mining Operations for this site. A permit transfer was completed and a reclamation surety approved on March 8, 2006, transferring the mine from Asphalt Ridge, Inc., to Temple Mountain Energy.

3. Protection of Drainages / Erosion Control
There is a perennial stream running next to the pit. There is some water that collects in the pit and flows through a small cut channel into this stream. The previous operator had anchored straw bales in this channel, and the current operator did the same. The bales have been mostly ripped apart, probably by cattle or possibly by wildlife.

The water that gathers in the pit bottom appears to be mostly ground water but probably also includes meteoric water.

10. Revegetation

We looked at the area that was graded and seeded last fall (Photo 3), and I was able to find some seeds. I could not see any seedlings, but it is still early in the season (especially this year).

12. Other
The operator has staked an area of about 4.6 acres within which operations are to be confined until an expansion is proposed and approved. This 4.6-acre area includes the area that was graded and seeded last fall.

Equipment on site includes a small conveyor, a small screen, and about five plastic tanks. Two of these tanks are in a storage container, and one of these contains a solvent. I do not know what the solvent is, but it smells like it might be citrus based.

The operator intends to experiment with different mining methods and started with a rotomill. This left windrows of tar sand in the bottom of the pit (Photo 2).

Conclusions and Recommendations:
There is currently little or no sediment entering the perennial stream from the mine, but the operator needs to find a way to keep pollutants from getting into the stream, especially if the operation is expanded. Options could include treating the water with a catch basin, sediment pond, or a silt fence.

The reclaimed area should be monitored to ensure vegetation grows. If not, it may be necessary to reseed.

Inspector's Signature _____ **Date:** 6/19/06

PBB:pb
cc: Jim Runquist, Temple Mountain Energy
Attachment: Photos

ATTACHMENT
Photographs
M0470036, Cameron #1 Mine, Temple Mountain Energy
Inspection Dated: March 21, 2006; Report Dated: June 7, 2006

Photo 1. Upper reaches of the stream that flows through the site.

Photo 2. The mine pit with windrows of asphalt. The water could be ground water, meteoric water, or it could be overflow from adjacent streams.

Photo 3. The area that was seeded in the fall of 2005.

Photo 4. Overview showing the pit (left), and area where the facilities are located.

From: Paul Baker
To: Berry, Penny
Date: 6/12/2006 12:29:10 PM
Subject: Cameron Inspection Report

Would you please finalize a report for this site? The report's in the draft folder, and the mine is in Uintah county.